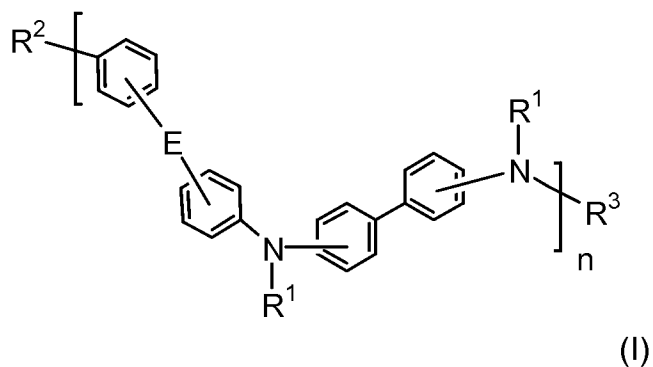


Listing of Claims

1 (currently amended). A compound having the formula:



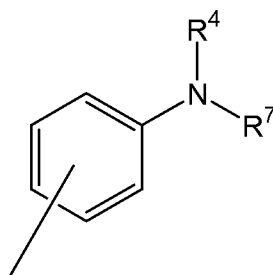
wherein:

n is an integer of at least 1;

R<sup>1</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

R<sup>3</sup> is selected from H and R<sup>1</sup>;

R<sup>2</sup> is selected from H, R<sup>1</sup>, alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



wherein R<sup>4</sup> is selected from aryl, H, R<sup>1</sup>, alkyl, and fluoroalkyl;

R<sup>7</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S,  $(\text{SiR}^5\text{R}^6)_m$  wherein m is an integer of 1 to 20,  $(\text{CR}^5\text{R}^6)_m$  wherein m is an integer of 1 to 20, and combinations thereof, wherein  $\text{R}^5$  and  $\text{R}^6$  are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein  $\text{R}^5$  and  $\text{R}^6$  can, when taken together, form a ring, provided that when E is  $(\text{CR}^5\text{R}^6)_m$ , ~~and n is greater than 1~~ and m is 1, at least one of  $\text{R}^5$  and  $\text{R}^6$  is not hydrogen or a hydrocarbon, and provided that when E is  $(\text{SiR}^5\text{R}^6)_m$  and m is 1,  $\text{R}^3$  is selected from phenyl, 1-naphthyl, and 2-naphthyl.

2 (original). The compound of claim 1, and wherein  $\text{R}^5$  and  $\text{R}^6$ , when taken together, form a non-aromatic ring.

3 (original). The compound of claim 1 wherein n is greater than 1.

4 (original). The compound of claim 2 wherein  $\text{R}^1$  is different at each occurrence.

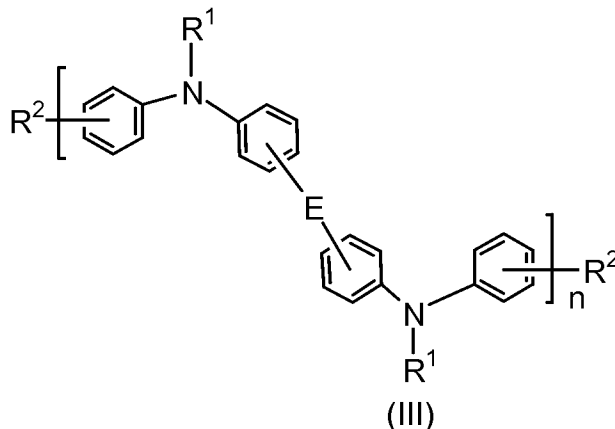
5 (original). The compound of claim 1 wherein  $\text{R}^2$  is H.

6 (original). The composition of claim 5 wherein  $\text{R}^3$  is aryl.

7 (original). The compound of claim 1 wherein  $\text{R}^1$  is selected from phenyl, 1-naphthyl, and 2-naphthyl.

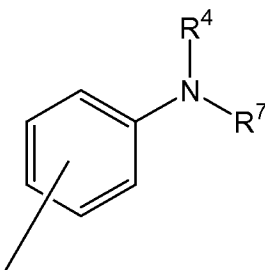
8 (original). The compound of claim 1 wherein  $n = 1$ ,  $\text{R}^2$  is H, and  $\text{R}^3$  is selected from phenyl, 1-naphthyl, and 2-naphthyl.

9 (currently amended). A compound of formula (III):



wherein

n is an integer of at least 1,  $R^1$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl;  $R^2$  is selected from H,  $R^1$ , alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



$R^4$  is selected from aryl, H,  $R^1$ , alkyl, fluoroalkyl;  $R^7$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S,  $(SiR^5R^6)_m$  wherein m is an integer of 1 to 20,  $(CR^5R^6)_m$  wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein  $R^5$  and  $R^6$  are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein  $R^5$  and  $R^6$  can, when taken together, form a ring, provided that when E is  $(CR^5R^6)_m$ , and m is 1, then n is greater than 1 and at least one of  $R^5$  and  $R^6$  is not hydrogen or a hydrocarbon, and when E = O or S,  $R^2$  is not H.

10 (original). The compound of claim 9 wherein  $R^1$  is different at each occurrence.

11 (original). The compound of claim 9, wherein  $R^5$  and  $R^6$ , when taken together, form a non-aromatic ring.

12 (canceled)

13 (previously presented). The compound of claim 9 wherein  $R^2$  is aryl.

14 (original). The compound of claim 9 wherein  $R^4$  is aryl.

15 (original). The compound of claim 9 wherein  $R^1$  is selected from phenyl, 1-naphthyl, and 2-naphthyl.

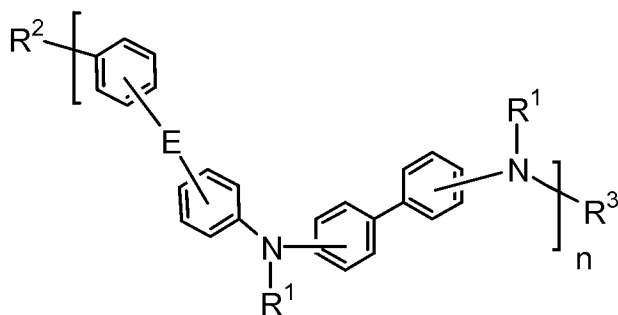
16 (previously presented). The compound of claim 9 wherein  $n = 1$ ,  $R^2$  is H, and  $R^1$  is selected from phenyl, 1-naphthyl, and 2-naphthyl.

17 (original). The compound of claim 9 wherein at least one aromatic ring in the compound of formula (III) has a substituent selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy.

18 (original). The compound of claim 9 wherein substituents on two neighboring aromatic rings in the compound of formula (III) together form an aromatic or non-aromatic ring.

19 (original). The compound of claim 9 wherein adjacent substituents on at least one aromatic ring together form a fused aromatic or non-aromatic ring.

20 (currently amended). A composition comprising a compound of at least one compound selected from:



(I)

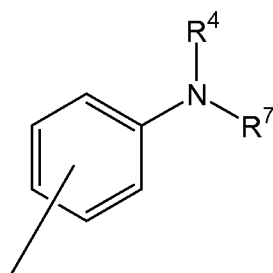
wherein:

n is an integer of at least 1;

R<sup>1</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

R<sup>3</sup> is selected from H and R<sup>1</sup>;

R<sup>2</sup> is selected from H, R<sup>1</sup>, alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



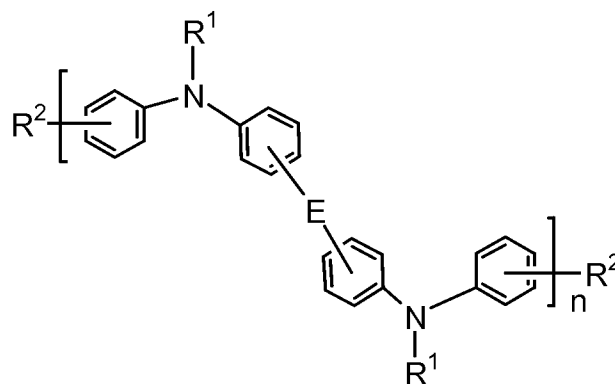
(II)

wherein R<sup>4</sup> is selected from aryl, H, R<sup>1</sup>, alkyl, and fluoroalkyl;

R<sup>7</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S,  $(\text{SiR}^5\text{R}^6)_m$  wherein m is an integer of 1 to 20,  $(\text{CR}^5\text{R}^6)_m$  wherein m is an integer of 1 to 20, and combinations thereof, wherein  $\text{R}^5$  and  $\text{R}^6$  are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein  $\text{R}^5$  and  $\text{R}^6$  can, when taken together, form a ring, provided that when E is  $(\text{CR}^5\text{R}^6)_m$ , ~~and n is greater than 1 and m is 1, at least one of  $\text{R}^5$  and  $\text{R}^6$  is not hydrogen or a hydrocarbon, and provided that when E is  $(\text{SiR}^5\text{R}^6)_m$  and m is 1,  $\text{R}^3$  is selected from phenyl, 1-naphthyl, and 2-naphthyl-~~

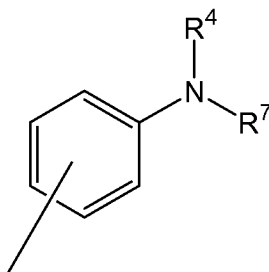
and



(III)

wherein

n is an integer of at least 1,  $\text{R}^1$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl;  $\text{R}^2$  is selected from H,  $\text{R}^1$ , alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



(II)

$R^4$  is selected from aryl, H,  $R^1$ , alkyl, fluoroalkyl;  $R^7$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

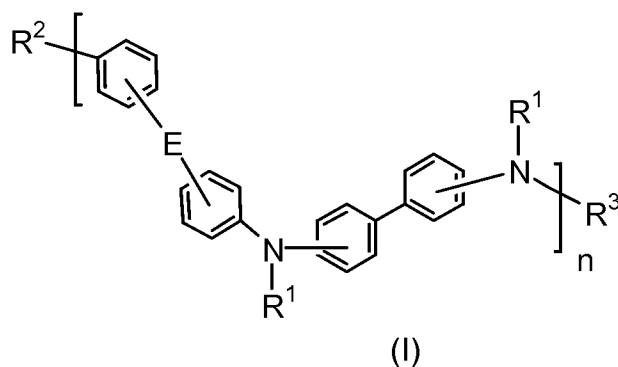
E is selected from O, S,  $(SiR^5R^6)_m$  wherein m is an integer of 1 to 20,  $(CR^5R^6)_m$  wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein  $R^5$  and  $R^6$  are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein  $R^5$  and  $R^6$  can, when taken together, form a non-aromatic ring, provided that when E is  $(CR^5R^6)_m$ , and n is greater than 1 and m is 1, at least one of  $R^5$  and  $R^6$  is not hydrogen or a hydrocarbon, and when E = O or S,  $R^2$  is not H.

21 (original). An electronic device comprising at least one layer comprising at least one compound selected from the compounds of Claim 1 or Claim 9.

22 (original). The device of Claim 21, wherein the layer is a charge transport layer.

23 (original). The device of Claim 21, wherein the layer is a light-emitting layer.

24 (previously presented). A process for producing a polymer, comprising:  
(a) providing two or more compounds having the formulae (I) or (III):



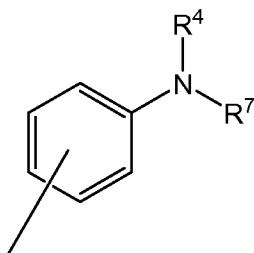
wherein:

n is an integer of at least 1;

$R^1$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms;

$R^3$  is selected from H and  $R^1$ ;

$R^2$  is selected from H,  $R^1$ , alkyl, fluoroalkyl, Cl, Br, I and an arylamino group of formula (II),



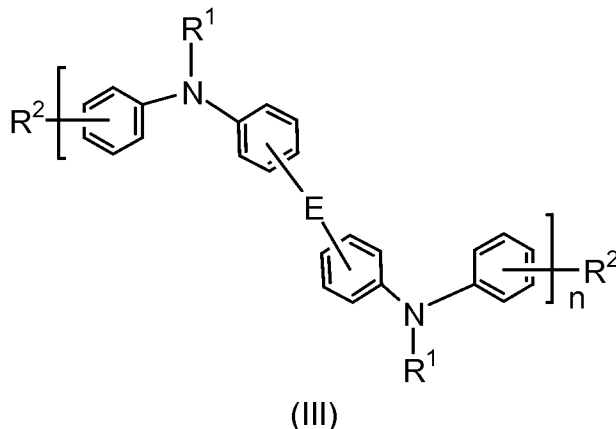
(II)

wherein  $R^4$  is selected from aryl, H,  $R^1$ , alkyl, and fluoroalkyl;  $R^7$  is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S,  $(SiR^5R^6)_m$  wherein m is an integer of 1 to 20,  $(CR^5R^6)_m$  wherein m is an integer of 1 to 20, and combinations thereof, wherein  $R^5$  and  $R^6$  are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein  $R^5$  and  $R^6$  can, when taken together, form a non-aromatic ring, provided that when E is  $(CR^5R^6)_m$ , and n is greater than 1 and m is 1, at least one of  $R^5$  and  $R^6$  is not hydrogen or a hydrocarbon

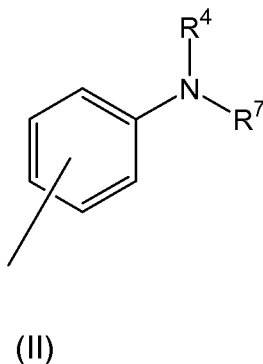
or





wherein

n is an integer of at least 1, R<sup>1</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl and may be different at each occurrence; R<sup>2</sup> is selected from H, R<sup>1</sup>, alkyl, fluoroalkyl, Cl, Br, I and arylamino of formula (II)



R<sup>4</sup> is selected from aryl, H, R<sup>1</sup>, alkyl, fluoroalkyl; R<sup>7</sup> is selected from aryl, heteroaryl, fluoroaryl, and fluoroheteroaryl substituted with 1 or more fluorine atoms, preferably up to 7 fluorine atoms; and

E is selected from O, S, (SiR<sup>5</sup>R<sup>6</sup>)<sub>m</sub> wherein m is an integer of 1 to 20, (CR<sup>5</sup>R<sup>6</sup>)<sub>m</sub> wherein m is an integer of 1 to 20, and combinations thereof, and can be different at each occurrence, wherein R<sup>5</sup> and R<sup>6</sup> are each independently selected from H, F, alkyl, aryl, alkoxy, aryloxy, fluoroalkyl, fluoroaryl, fluoroalkoxy, and fluoroaryloxy and wherein R<sup>5</sup> and R<sup>6</sup> can, when taken together, form a non-aromatic ring, provided that when E is (CR<sup>5</sup>R<sup>6</sup>)<sub>m</sub>, and n is greater than 1 and m is 1, at least one of R<sup>5</sup> and R<sup>6</sup> is not hydrogen or a hydrocarbon, and when E = O, R<sup>2</sup> is not H.